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(54) **QUERY SIMPLIFICATION AND OPTIMIZATION INVOLVING ELIMINATING GROUPING COLUMN FROM GROUP BY OPERATION CORRESPONDS TO GROUP BY ITEM THAT IS CONSTANT**

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(58) Field of Search ..... **707/1-7, 100-104**

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(57) **ABSTRACT**

A method, apparatus, and article of manufacture for simplifying and optimizing queries involving GROUP BY operations, when GROUP BY items involve constants and when there are "false" predicates in SELECT-HAVING clauses.

**18 Claims, 4 Drawing Sheets**

